

### REMARKS

This is intended as a full and complete response to the Office Action dated November 13, 2009, having a shortened statutory period for response set to expire on February 13, 2010. Applicants respectfully request entry and consideration of the above noted amendments and the following remarks in response to the Office Action.

### RESTRICTION:

Claims 9-27 are pending in the application and stand restricted under 35 U.S.C. §121. In response thereto, Applicants hereby elect claims 9-15, identified as Group I, for prosecution in the present application, with traverse.

### CLAIM REJECTIONS:

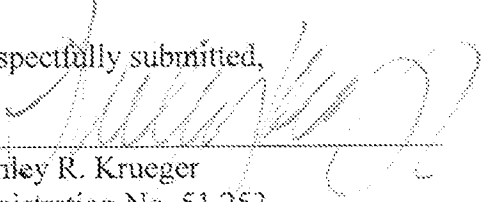
Claims 9-15 stand rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,844,055 (*Brandt*). Claims 11-15 stand rejected under 35 U.S.C. §103(a) as being unpatentable over *Brandt*. *Brandt* does not teach, show or suggest polyethylene resin having long chain branches, as required by the pending claims. Rather, *Brandt* teaches copolymers of ethylene with branched  $\alpha$ -olefins. As is known to one skilled in the art, short chain branching is produced by the insertion of comonomers in the backbone of the polymer chain and therefore occurs when polymerization takes place in the presence of a comonomer. In contrast, long chain branching (as required by the pending claims) is caused by the presence of small polymer chains that are produced during polymerization and that get anchored to the backbone of the main polymer chains. Such chains are created are not formed by comonomer, but rather premature termination of a polymer chain. Accordingly, Applicants respectfully submit that *Brandt* does not teach long chain branching, but rather the insertion of comonomer into the backbone of the polymer chain and therefore, *Brandt* does not teach, show or suggest the features of the pending claims. Accordingly, Applicants respectfully request withdrawal of the rejections.

Claims 11-15 stand rejected under 35 U.S.C. §103(a) as being unpatentable over *Brandt* in view of U.S. Patent Publ. No. 2004/0242103 (*Loos*). The prior art made of record is noted. However, it is believed that the secondary references do not supply the

features missing from the primary reference cited in the Office Action. Therefore, it is believed that a detailed discussion of the secondary references is not deemed necessary for a full and complete response to this Office Action. For the reasons set forth above, Applicants respectfully request withdrawal of the rejection.

In conclusion, Applicants submit that the references cited in the Office Action, neither alone nor in combination, teach, show, or suggest the claimed features. Having addressed all issues set out in the Office Action, Applicants respectfully submit that the claims are in condition for allowance and respectfully request the same.

Respectfully submitted,



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